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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Daniel P. Becker, et al.  
Serial No: 10/722,104  
Filed: November 25, 2003  
For: Heteroarylsulfonylmethyl Hydroxamic Acids and Amides and Their Use  
as Protease Inhibitors  
Confirmation No: 6396  
Group Art Unit: 1614  
Examiner: TBA  
Attorney Ref: 01414/1/US  
Pfizer Ref: 27788/USA  
HDP Ref: 6794-000080/US

January 31, 2005

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

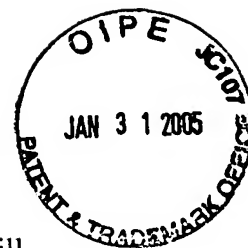
Dear Madam/Sir:

To comply with 37 CFR §1.97 and §1.98, Applicants submit the enclosed Form PTO-1449.

In accordance with MPEP §609 and §707.05(b), Applicants respectfully request that each document listed be given thorough consideration, and that the Examiner cite each document of record in the prosecution history of the present application by initialing the Form PTO-1449 next to each document. Applicants request such initialing even if the Examiner does not consider: (1) a document to be sufficiently pertinent to use in a rejection; (2) a document to be prior art for any reason; or (3) that the guidelines for citation have been fully complied with respecting a particular document. Applicants make this request so that each document becomes cited on the face of a patent issuing on the present application.

Applicants submit this supplemental information disclosure statement in compliance with the duty to disclose information material to patentability under 37 CFR §1.56, but by listing such documents are not admitting that such documents are necessarily relevant or prior art. Applicants intend no representation that the listed documents represent the results of a complete search. Applicants anticipate that the Examiner, in the normal course of examination, will make

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Appl. No. 10/722,104  
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an independent search consistent with 37 CFR §1.104, and, in the course of such search, will review for relevance every document listed on the attached form even if not initialed.

Applicants request early and favorable consideration of this patent application.

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Applicants believe that they do not owe any fee in connection with this information disclosure statement. If, however, Applicants do owe any such fee(s), the Commissioner is hereby authorized to charge the fee(s) to Deposit Account No. **08-0750**. In addition, if there is ever any other fee deficiency or overpayment under 37 C.F.R. §1.16 or §1.17 in connection with this patent application, the Commissioner is hereby authorized to charge such deficiency or overpayment to Deposit Account No. **08-0750**.

Respectfully submitted,

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CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/722,104
	Filing Date	November 25, 2003
	First Named Inventor	Daniel P. Becker, et al
	Art Unit	1614
	Examiner Name	TBA
Total Number of Pages in This Submission	Attorney Docket Number	01414/1/US (Pfizer Ref: 27788/USA)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>  <b>Form PTO-1449; 30 References; Return Receipt Postcard</b>
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name David M. Gryte	Reg. No. 41,809
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Date	January 31, 2005		

CERTIFICATE OF TRANSMISSION/MAILING			
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ATTORNEY DOCKET NO.

SERIAL NO.

01414/1/US (Pfizer Ref. 27788A/USA)

10/722,104

APPLICANT

Daniel P. Becker, et al.

FILING DATE

11/25/2003

GROUP

1614

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INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Sheet 1 of 3

## U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	Filing Date

## FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
24.		WO 99/09000	2/25/99	PCT	C07C 235/00		
25.		WO 99/25687	5/27/99	PCT	C07D 211/66		
26.		WO 99/29667	6/17/99	PCT	C07D 211/16		
27.		WO 00/46221	8/10/00	PCT	C07D 405/12		
28.		WO 00/50396	8/31/00	PCT	C07D 211/66		
29.		WO 00/59874	10/12/00	PCT	C07C 259/06		
30.		WO 00/69821	11/23/00	PCT	C07D 211/66		
31.		WO 02/092588	11/21/02	PCT	C07D 309/08		
32.		WO 03/091247	11/6/03	PCT	C07D 407/12		
33.		WO 2004/000811	12/31/03	PCT	C07D 213/34		
34.		EP 0 780 386	6/25/97	Europe	C07D 309/08		
35.		EP 0 994 104	4/19/00	Europe	C07C 317/44		
36.		EP 1 081 137	3/07/01	Europe	C07D 211/96		

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	01414/1/US (Pfizer Ref. 27788A/USA)	10/722,104
	APPLICANT	
	Daniel P. Becker, et al.	
	FILING DATE	GROUP
	11/25/2003	1614

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
37.		Brown, P.D., "Synthetic Inhibitors of Matrix Metalloproteinases," in <i>Matrix Metalloproteinases</i> , pp. 243-61 (Edited by Parks, W.C. & Mecham, R.P., Academic Press, San Diego, CA 1998).
38.		Denis et al., <i>Matrix metalloproteinase inhibitors: Present achievements and future prospects</i> , INVEST. NEW DRUGS, 15:175-185 (1997).
39.		Freije et al., <i>Molecular cloning and expression of collagenase-3, a novel human matrix metalloproteinase produced by breast carcinomas</i> , J BIOL. CHEM., 269(24):16766-16773 (1994).
40.		Gearing et al., <i>Processing of tumour necrosis factor-<math>\alpha</math> precursor by metalloproteinases</i> , NATURE, 370:555-557 (1994).
41.		Gu et al., <i>S-Nitrosylation of Matrix Metalloproteinases: Signaling Pathway to Neuronal Cell Death</i> , SCIENCE, 297:1186-90 (2002).
42.		Kenyon et al., <i>A model of angiogenesis in the mouse cornea</i> , INVEST. OPHTHALMOL. VIS. SCI., 37(8):1625-1632 (1996).
43.		Knight et al., <i>A novel coumarin-labelled peptide for sensitive continuous assays of the matrix metalloproteinases</i> , FEBS LETT., 296(3):263-266 (1992).
44.		Kuzmic et al., <i>High-throughput enzyme kinetics: Simultaneous determination of tight-binding inhibition constants and enzyme concentration</i> , ANAL. BIOCHEM., 286(1):45-50 (2000).
45.		Luckow et al., <i>Efficient generation of infectious recombinant baculoviruses by site-specific transposon-mediated insertion of foreign genes into a baculovirus genome propagated in escherihia coli</i> , J. VIROL., 67:4566-4579 (1993).
46.		McGeehan et al., <i>Regulation of tumour necrosis factor-<math>\alpha</math> processing by a metalloproteinase inhibitor</i> , NATURE, 370:558-561 (1994).
47.		Mitchell et al., <i>Cloning, expression, and type II collagenolytic activity of matrix metalloproteinase-13 from human osteoarthritic cartilage</i> , J. CLIN. INVEST. 97(3):761-768 (1996).
48.		Rasmussen et al., <i>Matrix metalloproteinase inhibition as a novel anticancer strategy: a review with special focus on batimastat and marimastat</i> , PHARMACOL. THER., 75(1):69-75 (1997).
49.		Reboul et al., <i>The new collagenase, collagnease-3, is expressed and synthesized by human chondrocytes but not by synoviocytes</i> , J. CLIN. INVEST., 97(9):2011-2019 (1996).
50.		Schwartz et al., <i>Synthetic inhibitors of bacterial and mammalian interstitial collagenases</i> , PROG. IN MED. CHEM., 29:271-334 (1992).
51.		Tang, B. L., <i>ADAMTS: A Novel Family of Extracellular Matrix Proteases</i> , INT. J. BIOCHEM. CELL BIO., 33(11):33-44 (2001).

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	01414/1/US (Pfizer Ref. 27788A/USA)	10/722,104
	APPLICANT	
	Daniel P. Becker, et al.	
	FILING DATE	GROUP
	11/25/2003	1614

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
52.		Woessner, J.F., "The Matrix Metalloprotease Family" in <i>Matrix Metalloproteinases</i> , pp.1-14 (Edited by Parks, W.C. & Mecham, R.P., Academic Press, San Diego, CA 1998).
53.		Search Report and Preliminary Examination Report for International Application No. PCT/US03/37942

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